

Remarks:

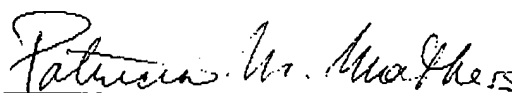
1. **Restriction Requirement:** Examiner issued a restriction requirement, asserting that the application contains five distinct species a – e and that no claim is generic.
2. Applicants assert that claim 1 is generic, in that it encompasses all embodiments of the cable shown in FIGS. 1 through 7. Claim 1 recites a cable comprising an aluminum conductor, an electrically insulative sheath, and a carbon core, wherein the aluminum conductor surrounds the sheath and the sheath surrounds the carbon core. The embodiments shown in FIGS. 1 – 7 have each of these elements. The only difference between the embodiments in FIGS. 1 - 6 is the configuration of the carbon fiber core. The embodiment shown in FIG. 7 shows a twisted aluminum conductor that may be used with any of the embodiments of carbon core shown in FIGS. 1 – 6.
3. Claims 1 – 5 read on all embodiments of the cable. Claims 6 – 9 read on the embodiments shown in FIGS. 1 – 4, 6, and 7. Claim 10 reads on the embodiments shown in FIGS. 3 and 4. Claim 11 reads on the embodiments shown in FIGS. 2 and 4 and claim 12 on the embodiments shown in FIGS. 1, 3, 5, and 7. Claim 13 reads on FIG. 6 and claim 14 on FIG. 5. Claims 15 – 19 read on all embodiments shown in the FIGS. 1 – 7.
4. Applicants submit that the restriction requirement is successfully traversed and request that Examiner withdraw the requirement and examine all the claims.
5. In compliance with 35 U.S.C. § 121, Applicants nevertheless provisionally elect “species b” (FIGS. 2 and 4). The corresponding claims are: 1 – 11 and 15 – 19. Applicants provisionally withdraw claims 12, 13, and 14 from examination.
6. **Amendments to the Specification:** The sequence of the FIGS. 5, 6, and 7 was inadvertently switched when the application was prepared. The following amendments have been made in the Specification so that the references in the description correspond with those in the figures being described. In Paragraphs [0018] – [0020], the text has been amended to correspond to the sequence of the figures. In paragraph

[0021], reference to the figures illustrating the preferred embodiment have been amended to read **FIGS. 1 – 4 and 7**. The reference to “**FIG. 5**” in paragraph [0022] now reads **FIG. 7**. This paragraph describes a configuration of the cable having an outer conductor layer with a pronounced twist. This twisted outer conductor is shown in **FIG. 7** as originally filed. In paragraphs [0025] and [0026], the reference designations were changed to correspond to the designations used in the figures. The discussion in paragraph [0025] is of a braided carbon core and the discussion in paragraph [0026] of a cable with a dry carbon fiber rope with a unidirectional fiber reinforcement architecture, so there can be no doubt that paragraph [0025] was referring to cable 60 with carbon core 612 and that paragraph [0026] was referring to cable 50 with carbon core 512. These amendments to the Specification do not introduce new subject matter, but merely correct obvious clerical errors. Applicants therefore request that Examiner approve these amendments.

7. **Conclusion:** Applicants have successfully traversed the restriction requirement and request that Examiner examine all claims as presented. A provisional election of “species a” along with a list of the corresponding claims has been made. Obvious errors in referencing figures were amended in the Specification.

8. This response is being filed within the one month time limit. No fees are due, but the undersigned authorizes the Commissioner to deduct any fees that may be required from the Deposit Account 501 517.

Respectfully submitted,



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Patricia M. Mathers
Attorney for Applicants
Reg. No. 44,906
Bohan, Mathers & Associates, LLC
P. O. Box 17707
Portland, ME 04112-8707
(207) 773-3132